

Application No.: Not Yet Assigned
Paper Dated: October 6, 2006
Attorney Docket No. 130260.00201

AMENDMENTS TO THE CLAIMS

1. (currently amended) A semi-automatic Semi-automatic system for the manufacture of large electrical induction coils, comprising: essentially characterised in that it has

a pressure head (2 and 4) mounted on a support (3) around which the pressure head it pivots, and

~~which has a set of vertical wheels (10) and a horizontal wheel (11) which work on a the conductor to be coiled so that the turns are perfectly formed without the need to involve manual work thereon.~~

2. (currently amended) Semi-automatic The system for the manufacture of large electrical induction coils, according to the first claim 1, further comprising a characterised in that the action of the feeder (5) that avoids traction tensions in the conductor to be coiled, thus avoiding the risk of stretching thereof.

3. (currently amended) Semi-automatic The system for the manufacture of large electrical induction coils, according to claim 1 the preeeding claims, further comprising:

a characterised in that the previously programmed command of the control unit (8);

is transmitted to the hydraulic parts (12);

wherein the control unit transmits commands to the hydraulic parts to which maintain a

Application No.: Not Yet Assigned

Paper Dated: October 6, 2006

Attorney Docket No. 130260.00201

the right pressure on the vertical (10) and horizontal (11) wheels, in such a way that a the pressing process is avoided as each of the turns of the coil are correctly positioned.

4. (currently amended) ~~Semi-automatic~~ The system for the manufacture of large electrical induction coils, according to claim 3 the preceding claims, wherein characterised in that by means of the commands previously programmed command in the control unit 8 both a the shape of the coil and a the number of turns placed in each layer that forms it of the layers that form it is provided, with a the position of the horizontal wheel (11) of the head (2) supervising said system so that, should it deviate from an the expected theoretical value, padding may be used if necessary to provide a predetermined the previously programmed shape.

5. (new) The system of claim 2, further comprising:

a control unit; and

hydraulic parts;

wherein the control unit transmits commands to the hydraulic parts to maintain a pressure on vertical and horizontal wheels, in such a way that a pressing process is avoided as each of the turns of the coil are correctly positioned.

6. (new) The system of claim 4, wherein by means of the commands both a shape of the coil and

Application No.: Not Yet Assigned

Paper Dated: October 6, 2006

Attorney Docket No. 130260.00201

a number of turns placed in each layer that forms it is provided, with a position of the horizontal wheel supervising said system so that, should it deviate from an expected value, padding may be used if necessary to provide a predetermined shape.